

**SYSTEMS, METHODS AND APPARATUSES FOR MINIMIZING
SUBSCRIBER-PERCEIVED DIGITAL VIDEO CHANNEL TUNING
DELAY**

5 **ABSTRACT OF THE DISCLOSURE**

10 A digital STB having multiple decoders is capable of decoding multiple
digital video streams simultaneously to minimize the time a subscriber waits
before a new channel is tuned and displayed. The STB incorporates a channel
look-ahead capability in which one or more digital tuners tune to and decode a
15 next video channel based upon information taken from a subscriber's usage history
and information obtained from average subscriber behavior. STB software
performs a channel prediction to setup spare tuning and decoding resources to tune
to and decode a potential channel the subscriber might select next. The STB can
therefore anticipate the subscriber's request and provide a faster response time for
channel tuning.